

ROCKY FLATS SITE

REGULATORY CONTACT RECORD

Purpose: Notification of Adverse Biological Condition, March 27, 2007,
Central Operable Unit (COU) Boundary Fence Wildlife Deaths

Consultation Date: April 4, 2007

Site Contact(s) / Affiliation(s):

Scott Surovchak / DOE, Linda Kaiser / S.M. Stoller, Jeremiah McLaughlin / S.M. Stoller,
Jody Nelson / S.M. Stoller/PEG

Regulatory Contact(s) / Affiliation(s):

Carl Spreng / CDPHE

Contact Record Approval Date:

Discussion:

In preparation for the transfer of part of the portions of the Peripheral Operable Unit (POU) to the U.S. Fish and Wildlife Service (USFWS), a 4-strand barbed wire fence was installed around the boundary of the Central Operable Unit (COU). Since completion of the fence in mid-March 2007, there have been three mule deer that have become entangled in the fence and died as a result. A notification to the regulatory contact was made on March 27, 2007, per the requirements in the Rocky Flats Legacy Management Agreement (RFLMA; see attachment). In order to minimize future impacts, DOE requested representatives of the USFWS to visit the Site and inspect the fence. Based on the visit on March 28, 2007, the USFWS indicated that they saw no problems with the design or installation of the fence. The suggestion was made that perhaps something could be done to make the fence more visible for the wildlife until they get used to its presence.

Based on internal discussions between DOE and S.M. Stoller personnel it was decided that an evaluation be made to determine where the deer most commonly cross the fence and then look into some type of marking that could be placed on the fence at those locations to make the fence more visible. On April 2, 2007, Site ecologists walked the entire length of the COU fence and noted the locations where deer seem to frequently cross the fence. Based on an internet search, a product called a fence flag warning device (see attachment) was identified that could be used to make the fence more visible to wildlife. The fence flags are molded, bright white, oval plastic shaped flags that are suspended from the top wire of the fence and flutter in the breeze making the fence more visible. The fence flags will be placed on the fence at the frequently used deer crossing locations to help make the deer aware of the fence.

DOE discussed the issue with CDPH&E on April 4, 2007.

Resolution:

DOE will place the fence flags on the fence and continue to monitor the fence line to determine if the fence flags are preventing future injury or death to the mule deer or other wildlife at the Site. The parties will be notified if problems continue and contact records for future consultations regarding the fence will be generated as required.

Contact Record Prepared by: Jody Nelson

Distribution:

Carl Spreng, CDPHE
Scott Surovchak, DOE
Linda Kaiser, Stoller
Jeremiah McLaughlin, Stoller
Jody Nelson, Stoller/PEG
Anna Montoya, Stoller
Site Operations Guide



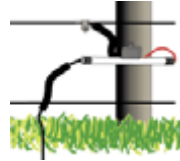
Voltmeters determine if there is sufficient voltage on the fence to control the animals. If fence voltage is lower than 2000 volts, check ground rods, wire connections, and the fence for shorts. A more powerful charger may be needed. Our Digital Voltmeter (VSXK) reads up to 9,900 volts on an easy to read LCD display using a nine volt battery. This is the

most accurate fence meter we have tested. If your budget cannot justify an expensive voltmeter, an economy version is also available. The Five Light tester is a minimum requirement to maintain an electric fence properly. A single bulb neon tester can light with less than 100 volts.

NEW! The Electric Fence Tester (VPP) and Compass™ (VPX) are ideal when saving time is important or for areas where the problem just can't be found. These instruments give a digital readout of the fence voltage, the amperage flow and even the direction of the short. No wires are used with these. If you professionally install electric fence, you need one. The Compass™ has a large backlit LCD screen and beeper. **FREE SHIPPING**




Fence Compass™	VPX	109.00
Electric Fence Probe	VPP	108.00



The **Kencove Night Light (MNL)** is a fluorescent light that can be hung from an electrified fence wire or attached to a post. One Night Light wire (insulated, galvanized steel) is attached to a hot fence wire with the included tap (CBT), and the other wire (stainless steel) goes to a ground rod. The ground rod does not have to be long; some people use a ten inch brace pin. The light flashes with every pulse of the charger, making it easy to see if the fence is hot from a distance at night. It also warns animals to stay away from the fence. The night light has been improved for better durability but it has no guarantee. If lightning hits the fence, remember Kencove's cost is much less than others.

Fence Monitors		
Kencove Night Light	MNL	21.00
Replacement Bulb	ZZN003	4.25



Kencove's **Digital Voltmeter (VSXK)** reads up to 9000 volts on an easy-to-read LCD display using a 9-volt battery (included). This is the most accurate fence meter we have tested.

The **Stafix Digital Voltmeter** is durable and reliable with automatic on/off and reads from 100 to 10,000 volts. Large clips are included for attaching to the live wire and earth contact.

Voltmeters		
NZ Digital Voltmeter	VSX	67.50
Digital Voltmeter	VSXK	41.50
5 Lite Tester	V5L	10.75



Kencove's **5-Light Tester** is more rugged than other units, with brighter lights to increase daytime visibility.

5 Lite Tester	V5L	10.75
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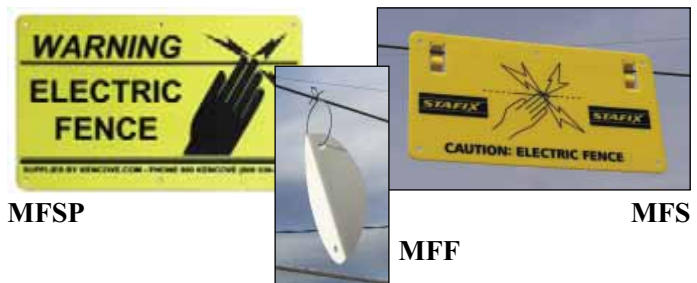
NEW! Stafix Fence Alert™ flashes when fence voltage drops below 1 of 2 preset voltage levels. Easily clips to fence. The battery lasts up to 5 years in standby mode and runs the strobe light for over 2 weeks.

Fence Alert	MFA	17.95
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Warning Signs & Fence Flags

The **Kencove Sign (MFSP)** is yellow and provides good visibility. The Stafix (MFS) has plastic clips for attaching onto the fence wire and also has 5 holes for different attachment methods. All signs are printed "ELECTRIC FENCE" on both sides and are made of yellow plastic. Use the stainless steel spring type K-CLIPS® for secure hanging of the signs. The clips will keep the sign from sliding down the smooth wire.

For fence lines needing more visibility to livestock, wildlife or humans, consider using our **FENCE-FLAG®** warning device. Designed to flutter with the slightest breeze, these molded, bright white, oval shaped flags are suspended on a stainless steel, spring temper **K-CLIP®** that securely attaches with finger tip application to any style wire or twine fence line. They are packed in bags containing 12 stainless steel K-CLIPS® and 12 molded flags. Quickly and easily installed!



Stafix Fence Sign Plastic Clip-on type	MFS	1.99
Kencove Electric Fence Sign Plastic	MFSP	.75
K-CLIPS® grip the wire with spring action, stainless steel 50/pk	MFC	8.00
FENCE-FLAG® 12/pk with K-CLIPS® White	MFF	3.65